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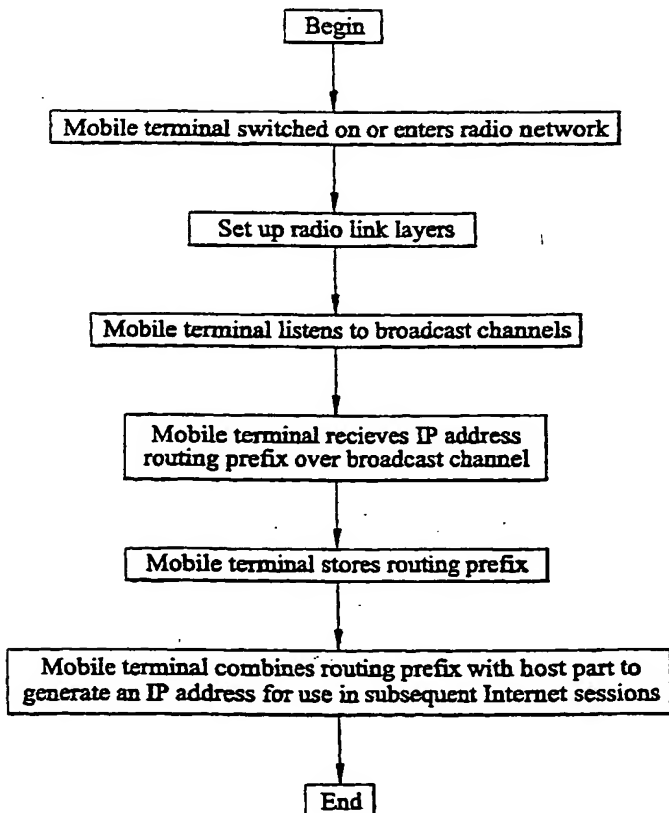
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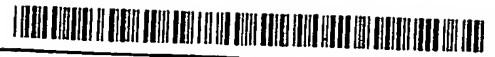
(54) Title: MOBILE INTERNET ACCESS



(57) Abstract: A method of allocating an Internet Protocol (IP) address to a mobile wireless terminal (7) within a mobile telecommunications network. The network repeatedly broadcasts, over a radio broadcast channel of the network, a routing prefix corresponding to the Radio Network Controller (RNC) ID. Mobile terminals (7) listen to the broadcast channel, either when registering with the network or subsequently thereto, to determine the routing prefix. A mobile terminal (7) combines the routing prefix with a host part to generate an IP address for subsequent Internet sessions.



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INTERNATIONAL SEARCH REPORT

Internat. Application No
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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L29/12 H04Q7/22 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>COHEN D ET AL: "IP ADDRESSING AND ROUTING IN A LOCAL WIRELESS NETWORK" PROCEEDINGS OF THE CONFERENCE ON COMPUTER COMMUNICATIONS (INFOCOM), US, NEW YORK, IEEE, vol. CONF. 11, 1992, pages 626-632, XP000300088 ISBN: 0-7803-0602-3 page 629, column 1, line 5, paragraph 4 - line 10 page 630, column 1, paragraph 2</p> <p style="text-align: center;">--- -/--</p>	1-9

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *G* document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	<p>IOANNIDIS J ET AL: "IP-BASED PROTOCOLS FOR MOBILE INTERNETWORKING", COMPUTER COMMUNICATIONS REVIEW, ASSOCIATION FOR COMPUTING MACHINERY. NEW YORK, US, VOL. 21, NR. 4, PAGE(S) 235-245 XP000234940 ISSN: 0146-4833 .</p> <p>page 237, column 1</p> <p>page 238, column 2, paragraph 1</p> <p>page 238, column 1, paragraph 3</p> <p>page 239, column 1, paragraph 3</p>	1-9
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A	<p>PATENT ABSTRACTS OF JAPAN</p> <p>vol. 1998, no. 04,</p> <p>31 March 1998 (1998-03-31)</p> <p>& JP 09 327076 A (TOSHIBA CORP),</p> <p>16 December 1997 (1997-12-16)</p> <p>abstract</p> <p>-----</p>	1-9
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INTERNATIONAL SEARCH REPORT

Information on patent family members

Internat. Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 09327076 A	16-12-1997	US 5983090 A	09-11-1999

Form PCT/ISA/210 (patent family annex) (July 1992)

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